

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6082140
<b>Application Number:</b>	10701007
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5641
<b>Title of Invention:</b>	Compositions comprising alternating 2'-modified nucleosides for use in gene modulation
<b>First Named Inventor/Applicant Name:</b>	Charles Allerson
<b>Customer Number:</b>	32650
<b>Filer:</b>	Jane E. Inglesse/Stephanie Yakubov
<b>Filer Authorized By:</b>	Jane E. Inglesse
<b>Attorney Docket Number:</b>	ISIS-5325
<b>Receipt Date:</b>	16-SEP-2009
<b>Filing Date:</b>	04-NOV-2003
<b>Time Stamp:</b>	12:40:51
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	NPL Documents	Dagle_NucleicAcidsResearch_4 751-4757.PDF	781341 2968dcde771fc0ef0f0d4d843563d2d7f85	no	7

### Warnings:

Information:
--------------

2	NPL Documents	Dahl_ActaChemScand_639-641.PDF	459576 d0a6057afe611869152ba0196a0c1b105fb b6682	no	3
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	Dake_JBiolChem_7691-7702.PDF	1583322 3d979c9d920d8663c7ca8b26175399e7 c6821	no	12
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	Damha_CanJChem_831-839.PDF	787348 4b7447c1d92c2f1-6e5c5d81b01b954ccb c1488	no	9
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	Damha_JAmChemSoc_12976-12977.PDF	347445 1b8600a61e61ba0d00956885c180e1508b b5211	no	2
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	Dande_227thACSNatlMtg_2004_abstract.PDF	55315 29ebab9dc78f2d6e329a552d74627592 4b2831	no	1
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	Day_BiochemJ_735-740.PDF	533686 80053a15e7880a25e1955695c3801b013 816ed	no	6
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	DelasHeras_Tetrahedron_Letters_941-944.PDF	549355 06411110b1a05e544d39b6e8bcb2aef26c c195	no	4
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	De_Mesmeker_AccChemRes_366-374.PDF	592078 b1e0f6a225ee3710cb4951b19e88519 cfe10	no	9
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	DeClercq_Cancer_Letters_27-37.PDF	596015 96d841595c9b0f5d44fbefc91966188aef 38e83	no	6
<b>Warnings:</b>					
<b>Information:</b>					

11	NPL Documents	Dellinger_JAmChemSoc_940-9 50.PDF	1119488 ba9ce4ca94a52543a500f16a3951e73c 456e	no	11
<b>Warnings:</b>					
<b>Information:</b>					
12	NPL Documents	Denny_Anti- CancerDrugDesign_241-263. PDF	3063916 5669672918be71a4780cc302701ee1f7d 65a09	no	23
<b>Warnings:</b>					
<b>Information:</b>					
13	NPL Documents	Dignam_NucleicAcidsRes_1475 -1489.PDF	1043666 036e2a1d105d5b7a0b46918103c2051 d0e78	no	15
<b>Warnings:</b>					
<b>Information:</b>					
14	NPL Documents	Divakar_JChemSocPerkinTransl _969-974.PDF	569078 a26842d644bb2155a8ec26e979eab9c7a 68045	no	6
<b>Warnings:</b>					
<b>Information:</b>					
15	NPL Documents	Divakar_JChemSocPerkinTransl _1625-1628.PDF	340999 ba97865bfbb5a09fca2111d1f770e40 20ea1	no	4
<b>Warnings:</b>					
<b>Information:</b>					
16	NPL Documents	Dreyer_ProcNatlAcadSciUSA_9 68-972.PDF	684542 a6594a9fc117c5296cdad35e921526c44 bb5	no	6
<b>Warnings:</b>					
<b>Information:</b>					
17	NPL Documents	Drmanac_Science_1649-1652. PDF	585082 8ac9eb20b23661991440743e1eddec128c1 61160	no	4
<b>Warnings:</b>					
<b>Information:</b>					
18	NPL Documents	Duff_MethodsEnzymol_297-32 1.PDF	1126018 0f53bd95b5d87f2b57f8aa160ad1fcfa/b/9f9 f75	no	13
<b>Warnings:</b>					
<b>Information:</b>					
19	NPL Documents	Duncan_AnalBiochem_104-108 .PDF	582973 8ac24db5488b79119a2302009f5ca52f10 delle	no	5
<b>Warnings:</b>					
<b>Information:</b>					

20	NPL Documents	Dunn_and_Studier_JMolBiol_487-499.PDF	2811133 8fffb3699f1d3f3d8ff0b8eef3d47850 63	no	17
<b>Warnings:</b>					
<b>Information:</b>					
21	NPL Documents	Eckstein_Biochemistry_4336-4344.PDF	812106 7099101e1c70e1d8e62ca1ba2cc58bb60 d5011	no	9
<b>Warnings:</b>					
<b>Information:</b>					
22	NPL Documents	Eddy_NatureRevGenetics_919-929.PDF	937025 9eb9ff94f5a2c518244bc1c229515fb61e7 309fb	no	11
<b>Warnings:</b>					
<b>Information:</b>					
23	NPL Documents	Eder_JBiolChem_6472-6479.PDF	988409 3c29d6b6796677f1b481c9f2961756ea e942	no	8
<b>Warnings:</b>					
<b>Information:</b>					
24	NPL Documents	Efimov_BioorgKhim_800-804.PDF	436127 6e9062835cf7cc00e07631ae267184e0 e970	no	5
<b>Warnings:</b>					
<b>Information:</b>					
25	NPL Documents	Egli_Biochemistry_8489-8494.PDF	242015 37e99e6196b191d4b461a7bd641a755 2699	no	6
<b>Warnings:</b>					
<b>Information:</b>					
26	NPL Documents	Elayadi_CurrOpinInvestigDrugs_558-561.PDF	410798 ab62b2eb8721cbfb41e3f5fb57500b381354 82eff	no	4
<b>Warnings:</b>					
<b>Information:</b>					
27	NPL Documents	Elela_Cell_115-124.PDF	909673 6d64902e4e8244b38e31f1d78f1c32424 730c	no	10
<b>Warnings:</b>					
<b>Information:</b>					
28	NPL Documents	Elmen_NuclAcidsRes_439-447.PDF	894663 2337646e0bb61d40f7c9441d0309a0f4 209f	no	9
<b>Warnings:</b>					
<b>Information:</b>					

29	NPL Documents	Englisch_AngewChemIntEd_61 3-629.PDF	2667183 9308bz17e19615110d8b729a0b8c101 b467	no	17
<b>Warnings:</b>					
<b>Information:</b>					
30	NPL Documents	EP03716922_Supplementary_SearchReport.PDF	95974 b0d8b0f110ed0b98c5cad8440f9500e 9527	no	3
<b>Warnings:</b>					
<b>Information:</b>					
31	NPL Documents	Fahy_NuclAcidsRes_1819-1826.PDF	738506 0e2f3fb22fcf5c1a188481-61321f6a 42e	no	8
<b>Warnings:</b>					
<b>Information:</b>					
32	NPL Documents	Faria_NatureBiotech_40-44.PDF	610424 d4e933b7ad18c11ed49e45a2418d175cc 8eb01	no	5
<b>Warnings:</b>					
<b>Information:</b>					
33	NPL Documents	Fazakerley_FEBS_365-369.PDF	376393 d51ac2395a9182115a18bc6308b7ef0c48 e4fd4d	no	5
<b>Warnings:</b>					
<b>Information:</b>					
34	NPL Documents	Fedoroff_JMolBiol_509-523.PDF	1534363 54554035656e6c1138929e9ef6fc6-314 8fb	no	16
<b>Warnings:</b>					
<b>Information:</b>					
35	NPL Documents	Fire_TIG_358-363.PDF	178896 209214501f6edead081bb0a799bd5e7cc0e d8a2c	no	6
<b>Warnings:</b>					
<b>Information:</b>					
36	NPL Documents	Fire_Nature_1998_806-811.PDF	904701 760816a4c24e3c2de37c544c9468b 84116	no	6
<b>Warnings:</b>					
<b>Information:</b>					
37	NPL Documents	Firestone_BioconjugateChem_105-113.PDF	1161805 618461ced79f01b39f18542947fbef03 0662	no	9
<b>Warnings:</b>					
<b>Information:</b>					

38	NPL Documents	Fishel_Methods_Enzymol_328-342.PDF	1000168 c2d6d4901fd91fd94bc290d4ea514e743f	no	16
<b>Warnings:</b>					
<b>Information:</b>					
39	NPL Documents	Flanagan_ProcNatlAcadSciUSA_3513-3518.PDF	815162 336429baa29de1f4a4e307aeb1a61ed6f	no	6
<b>Warnings:</b>					
<b>Information:</b>					
40	NPL Documents	Flanagan_NatureBiotechnol_48-52.PDF	658728 1aa99fb2ca2f512c48-39-1075d47b178f265f	no	5
<b>Warnings:</b>					
<b>Information:</b>					
41	NPL Documents	Fluiter_NuclAcidsRes_953-962.PDF	281396 0396f1888d8738b42645226955e0172ed4d4c7	no	10
<b>Warnings:</b>					
<b>Information:</b>					
42	NPL Documents	Fodor_Science_767-773.PDF	942431 ddd7902d1bedc1548d6177ad5a371d80f9943c	no	7
<b>Warnings:</b>					
<b>Information:</b>					
43	NPL Documents	Fox_JOrgChem_558-564.PDF	1019550 a07734ee644fc1b66a764c72b127805444-jecc	no	7
<b>Warnings:</b>					
<b>Information:</b>					
44	NPL Documents	Francis_JAmChemSoc_16235-16242.PDF	211617 7027e11fc3ed9a5956b27a6f5b2c5eaf1ff8	no	8
<b>Warnings:</b>					
<b>Information:</b>					
45	NPL Documents	Fraser_Nature_325-330.PDF	176239 133094080bd46281d5c62b6f0d17c1a69881e26	no	6
<b>Warnings:</b>					
<b>Information:</b>					
46	NPL Documents	Freier_NucleicAcidsResearch_4429-4443.PDF	1947293 dc4b6d73b11d695a7e62d1f86017d1746d75	no	16
<b>Warnings:</b>					
<b>Information:</b>					

47	NPL Documents	Freskos_Nucleosides_Nucleotides_1075-1076.PDF	230194 2216b1986278c94fb0e94525e9f3930e0fc bb8a	no	2
<b>Warnings:</b>					
<b>Information:</b>					
48	NPL Documents	Frieden_NuclAcidsRes_2003_6 365-6372.PDF	786677 62290/7b342a6c0702abab6e038d1a98e de5d	no	8
<b>Warnings:</b>					
<b>Information:</b>					
49	NPL Documents	Fromageot_Tetrahedron_2315- 2331.PDF	1486602 c1:4b8b51/365409e09eca2b3ee461b12e 7bb8d	no	17
<b>Warnings:</b>					
<b>Information:</b>					
50	NPL Documents	Fuchs_AnalBiochem_2000_91- 98.PDF	879242 4597aeb1c6b10cbf0473d631ffbd76d1d e80	no	8
<b>Warnings:</b>					
<b>Information:</b>					
51	NPL Documents	Fusi_EurJBiochem_305-310. PDF	638974 5b5706cd1eb6e417e77956b7ebe1c54010 c4c29	no	6
<b>Warnings:</b>					
<b>Information:</b>					
52	NPL Documents	Gabrielsen_NuclAcidsRes_6253 -6267.PDF	1090401 54bc37473f5682a37c2308ff669275c6b4 72c	no	15
<b>Warnings:</b>					
<b>Information:</b>					
53	NPL Documents	Gaffney_Tetrahedron_Letters_ 2257-2260.PDF	369076 190b7ed6e3d601c267b4d99b35de9e6e7 bb364	no	4
<b>Warnings:</b>					
<b>Information:</b>					
54	NPL Documents	Gait_RNA_Smith_1998_1-36. PDF	1302262 373540e5d9ad0d0301744d0e18d9ee318 bb45	no	19
<b>Warnings:</b>					
<b>Information:</b>					
55	NPL Documents	Gait_OligoribonucleotidesResApp _1993_289-301.PDF	1423066 151fce0e87703020e1d23801b4742c024f d5aa	no	13
<b>Warnings:</b>					
<b>Information:</b>					

56	NPL Documents	Gallo_Tetrahed_2001_5707-57 13.PDF	630495 052e779db37858e1645cb8e685eeea27/ 03421	no	7
<b>Warnings:</b>					
<b>Information:</b>					
57	NPL Documents	Gao_JAmChemSoc_11826-118 31.PDF	177812 ab160e1cda3c7d8d8f14c4e9000ef02a8c cde9	no	6
<b>Warnings:</b>					
<b>Information:</b>					
58	NPL Documents	Gbenle_MolBiochemParasitol_ 37-47.PDF	696494 8e4677b042e2418f13b69726cf553c5e9 ce915	no	11
<b>Warnings:</b>					
<b>Information:</b>					
59	NPL Documents	Gbenle_ExParasitol_432-438. PDF	650593 e11e460daea84d29b9e923cf3d88e526226c aee15	no	7
<b>Warnings:</b>					
<b>Information:</b>					
60	NPL Documents	Geary_JPharmacolExpTher_890 -897.PDF	385536 84e326d12c8b548e053b6ab5054de2e7b 077e1	no	8
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b> 49931445					
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b>New Applications Under 35 U.S.C. 111.</b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b>National Stage of an International Application under 35 U.S.C. 371.</b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b>New International Application Filed with the USPTO as a Receiving Office</b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					